

Samples Analyzed By:  
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# SOIL TEST REPORT

## GARDEN SOIL

COOPERATIVE EXTENSION  
University of Wisconsin-Extension  
University of Wisconsin-Madison  
Department of Soil Science

Lab Number: 4387

Access Code: s72h

Date received: 12/3/2024

Account: 555005

Client: Quintas

County: Brown

Date processed: 1/16/2025

Send to:

Extension Brown County -  
STEM Innovation Center, 2019 Technology Way, Rm 113  
Green Bay, WI 54311

| Area Type        |
|------------------|
| Garden/Vegetable |
| Area Designation |
| Main St          |

### RECOMMENDATIONS

#### Lime to Apply

No soil pH adjustment is recommended.

#### Fertilizer to Apply

The following summary specifies the actual amount of nutrients needed based on the results of your soil analysis. Most plants require at least an annual nitrogen application, but recommended phosphate should only be applied once and potassium should be split over two years and soils retested in 2-3 years to determine if more is needed.

| Actual Nutrient Need (lbs/100 ft <sup>2</sup> ) |  |                              |
|---|--|------------------------------|
| Nitrogen (N)                                    | Phosphate (P <sub>2</sub> O <sub>5</sub> ) | Potassium (K <sub>2</sub> O) |
| 0.30  | 0.1  | 1.0                          |

These nutrients can be applied using many different commercial fertilizers. The following suggestions are provided for your reference.

**Nitrogen:** Needed nitrogen will be supplied with the phosphate and/or potassium recommendations below.

**Phosphate:** Apply 0.5 lbs of high phosphorus fertilizer per 100 sq-ft to meet plant phosphate needs.

**Potassium:** Apply 2.5 lbs of high potassium fertilizer per 100 sq-ft annually for 2 years to meet plant potassium needs.

Use of high phosphorus and high potassium fertilizers will increase available phosphorus and potassium to levels optimum for plant growth and supply some needed nitrogen. For a description of fertilizer grades please see <http://uwlax.soils.wisc.edu/pubs/grades.pdf>

For more information on how to customize your vegetable garden fertilizer applications please see [http://uwlax.soils.wisc.edu/pubs/custom\\_fertilizer.pdf](http://uwlax.soils.wisc.edu/pubs/custom_fertilizer.pdf)

#### Environmental Tips

Soil tests indicate that phosphate and potassium fertilizers are needed. Broadcast and incorporate recommended materials into the upper 6-8 inches prior to planting or topdress to previously established areas and water in thoroughly.

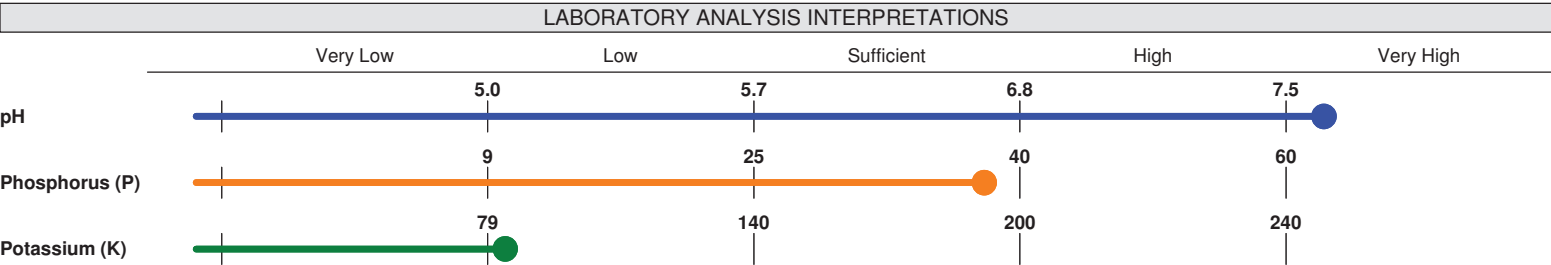
Leafy vegetables, sweet corn, tomatoes, and vine crops may require additional nitrogen at flowering. Place about 1 oz (2 Tbl) urea or 4 Tbl of a high nitrogen fertilizer in a band at least 3 inches from the plant. Use 1.5 lbs (3 cups) urea or 3 lbs (6 cups high nitrogen fertilizer) for every 100 ft or row.

If growing a scab susceptible variety of potato a lower pH is desired.

#### References and Resources

For additional information on garden fertilization please see <http://uwlax.soils.wisc.edu/gardens.htm>

For further explanation please contact your County Extension Office. Locations can be found at <http://www.uwex.edu/locations/>.



| LABORATORY ANALYSIS |     |                      |                     |                  |
|---------------------|-----|----------------------|---------------------|------------------|
| Sample              | pH  | Phosphorus [P] (ppm) | Potassium [K] (ppm) | Organic Matter % |
| 10                  | 7.6 | 38                   | 83                  | 3.1              |